

INSECTS IN RELATION  
TO  
NATIONAL DEFENSE

\*\*\*\*\*

Circular 23

\*\*\*\*\*

REFERENCE INDEX

\*\*\*\*\*



January 1944



## INSECTS IN RELATION TO NATIONAL DEFENSE

\* \* \* \* \* Supplemental Foreword, May 1, 1944 \* \* \* \* \*

The preparation and publication of a series of articles dealing with insects that attack or annoy man and destroy materials produced and assembled for defense purposes were begun in the latter part of 1940. This series of 23 circulars was issued in processed form under the general title "Insects in Relation to National Defense." The primary purpose of these articles was to present in convenient form essential current information to aid those directly concerned with national defense on how to recognize and combat the more important insect pests that would be encountered. Seven of the series were issued in February 1941 and 18 by November of that year. Two of the remaining articles were issued in 1942, two in 1943, and the Reference Index (No. 23) in January 1944.

Since the initial preparation and publication of certain of the articles, intensive research on some of the pests has developed new and more effective methods for combating them. During the interval there have also been marked changes with regard to supplies of certain insecticides, materials used with them, and devices and equipment used to apply them. Because of these developments the recommendations on control measures and the information on materials to be used, given in certain of the circulars, are not entirely current. Conditions as to supplies are subject to frequent changes and intensified research will continue to develop new information on control practices. It has, therefore, been deemed unwise to revise the various circulars and endeavor to keep them up-to-date.

Information on new methods of control is made available to responsible military officials and, when approved by them, appropriate instructions are issued. In the case of some pests, specifically lice, where the control procedures have been modified as a result of recent research, the new materials are not generally available even for use by military agencies within the continental United States. Specific instructions from responsible military officials are, therefore, necessary in reference to their use.

The offer to supplement information included in the various circulars, which was made in the introductory number, is renewed. The Bureau of Entomology and Plant Quarantine will be glad to give advice on specific questions with regard to control of particular insects and to supply information on the availability of supplies that may be secured to combat them.



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INSECTS IN RELATION

TO

NATIONAL DEFENSE

Circular 23 - Reference Index

This circular has been prepared for the purpose of making the information contained in the previous 22 circulars of the series more readily available and useable to those for whose purpose the information was assembled. The subject matter index has been prepared in two parts: Part I is a general reference index dealing with the insects related to national defense, and includes devices, materials, and methods useful in their prevention and control. Part II is a cross reference index to those subjects, such as animals, buildings, camp locations, diseases, foods, materials, etc. with which insects are concerned in connection with national defense.

The references are arranged alphabetically. The first number after the reference indicates the number of the circular and numbers following the dash designate page numbers. References occurring in more than one circular are separated by a semicolon, and references to an illustration of the subject matter are preceded by the abbreviation (illus.): e.g. 8-17, (illus.) 18; 18-7, (illus.) 8 would indicate that references to the same subject matter occur on page 17 of circular 8 and on page 7 of circular 18; also that the subject matter is illustrated on page 18 of circular 8 and on page 8 of circular 18.

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